

CHAPTER [3]



PART 1

Command Element Programs

Global Broadcast Service



DESCRIPTION

The Global Broadcast Service (GBS) system is a receive-only satellite communication system that provides near-worldwide, high-data rate, one-way dissemination of large information products. Examples of these products include classified and unclassified imagery and video, theater message traffic, joint and service-unique news, weather, and morale, welfare and recreation programming to deployed or garrison forces via small user platforms. GBS will be accessible from 65 degrees north latitude to 65 degrees south latitude.

OPERATIONAL IMPACT

GBS will augment other communications systems and provide a continuous, high-speed, one-way information flow to deployed, mobile or garrison forces. GBS will support routine operations, training and military exercises, special activities, crisis, situational awareness, weapons targeting, reconnaissance, and the transition to and conduct of opposed opera-

tions short of nuclear war. The system will consistently provide the warfighter with information that allows him to take action inside the decision cycle time of his adversaries.

PROGRAM STATUS

The GBS is a joint program and is currently at Milestone C. The Marine Corps currently possesses 61 LRIP systems, 13 provided by the Joint Program Office (JPO) in FY 2003, and 48 LRIP systems procured during FY 2005.

The program recently completed a “technology refresh” upgrading the receive suites from Asynchronous Transfer Mode architecture to an Internet Protocol based commercial off-the-shelf architecture. This new architecture will provide users with a smaller, lighter, more agile system. Developmental Testing concluded in fourth quarter FY 2006, and Operational Testing concludes third quarter FY 2007.

Upon obtaining successful Operational Test results and a successful JPO Full Rate Production Milestone C Decision in fourth quarter FY 2007, the Marine Corps will proceed with its own Full Rate Production Milestone C Decision, approving the procurement of 20 Full Rate Production suites in third quarter FY 2007.

Procurement Profile:	FY 2007	FY 2008
Quantity:	20	0

Developer/Manufacturer:
Raytheon, Reston, VA